

Descriptive Abstract

Manufacturing process of a sulfoaluminate or ferroaluminate cement, cement obtained by this process, and installation for implementation. The invention concerns a
5 manufacturing process of cement (1) from a mixture (2) containing CaCO_3 , Al_2O_3 and/or $\text{Al}(\text{OH})_3$, CaSO_4 , SiO_2 and/or a product containing silica or silicates such as clay, these compounds being present in the anhydrous or hydrated form, individually or in combination.

This process is characterized in that the mixture (2) is treated up to clinkering by
10 movement in a center (3) of kiln (4), in a sheet (5) with approximately constant thickness, at approximately constant speed, along a treatment path (6) subjected to a positive temperature gradient, and for a treatment time during which this mixture (2) remains below its melting temperature, and in that the clinkered mixture (7) is cooled upon exit from the treatment path (6).

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Drawing: Figure 1